Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A device for measuring a target segment of a lumen of a patient so as to select a suitable interventional prosthesis, the device comprising:

an exterior conduit longitudinally extending between proximal and distal ends;

an interior conduit longitudinally extending between proximal and distal ends, disposed within the exterior conduit, and displaceable with respect to the exterior conduit~~, the interior conduit having a depth marking mechanism visible through a portion of the exterior conduit and configured to provide information regarding a length of the target segment~~;

a measurement assembly comprising at least two legs having distal and proximal ends and inward facing and lumen facing surfaces wherein the legs are flush with one another from the distal ends of the legs to the proximal ends of the legs when the measurement assembly is closed within the exterior conduit, the legs coupled with each other proximal the distal ends thereof and coupled with each other at the distal ends thereof, ~~the measurement assembly also coupled~~

~~about the distal end of the interior conduit, wherein the lumen facing surface of each of the legs includes a plurality of measurement markers, and wherein the exterior conduit is configured to engage the measurement markers of the legs to provide an indication of a diameter of the target segment~~;

a handle operatively connected with the measurement assembly, the handle comprising a means for opening and closing the measurement assembly by actuating the handle along a continuum between a first closed configuration and a second open configuration;

wherein the handle further comprises a measurement indicator, wherein target lumen diameter is calculated based on the relative distance the handle travels along the continuum between a first and second handle location.

Claim 2 (cancelled)

Claim 3 (previously presented): The device of claim 1, wherein when the measurement assembly is moved distally in relation to the exterior conduit, the legs form an acute angle with respect to one another.

Claim 4 (original): The device of claim 3, wherein the measurement assembly further comprises a third leg.

Claims 5-6 (cancelled)

Claim 7 (currently amended): A method of measuring a target segment of a lumen of a patient so as to select a suitable interventional prosthesis, the method comprising:

providing a measuring device having an exterior conduit longitudinally extending between proximal and distal ends; an interior conduit longitudinally extending between proximal and distal ends, disposed within the exterior conduit, and displaceable with respect to the exterior conduit~~, the interior conduit having a depth marking mechanism visible through a portion of the exterior conduit and configured to provide information regarding a length of the target segment~~; a measurement assembly comprising at least two legs having distal and proximal ends and inward facing and lumen facing surfaces wherein the legs are flush with one another from the distal ends of the legs to the proximal ends of the legs when the measurement assembly is closed ~~within the exterior conduit~~, the legs coupled with each other proximal the distal ends thereof and coupled with each other at the distal ends thereof, ~~the measurement assembly also coupled about the distal end of the interior conduit, wherein the lumen facing surface of each of the legs includes a plurality of measurement markers that are configured to provide information regarding a diameter of the target segment~~; a handle operatively connected with the measurement assembly, the handle comprising a means for opening and closing the measurement assembly by actuating the handle along a continuum between a first closed configuration and a second

open configuration; wherein the handle further comprises a measurement indicator, wherein target lumen diameter is calculated based on the relative distance the handle travels along the continuum between a first and second handle location;

introducing the device into an appropriate anatomical orifice of a patient;

delivering the device adjacent to target segment of a lumen within the patient;

~~opening the measurement assembly proximal to and distal to the target segment and noting positions on the depth marking mechanism relative to proximal and distal ends of the target segment;~~

~~measuring the distance between the positions on the depth marking mechanism relative to the proximal and distal ends of the target segment to determine the length of the target segment of the lumen within the patient; and~~

displacing the exterior conduit and ~~measurement assembly~~ interior conduit relative to one another via the handle such that the relative distance the handle travels along the continuum between the first and second handle locations ~~exterior conduit engages the measurement markers of the legs to~~ provide an indication of a diameter of the target segment; and

measuring the diameter of the target segment of the lumen within the patient.

Claim 8 (original): The method of claim 7, wherein the device further comprises

an optical scope operatively coupled therewith, such that the measuring step is accomplished using the optical scope.

Claim 9 (cancelled)

Claim 10 (currently amended): The method of claim 7, wherein the interior conduit ~~measurement assembly~~ is moved distally in relation to the exterior conduit, the legs form an acute angle with respect to one another.

Claim 11 (original): The method of claim 10, wherein the measurement assembly further comprises a third leg.

Claims 12-24 (cancelled)

Claim 15 (currently amended): The method of claim [[14]] 7, wherein the diameter measuring step comprises the step of actuating the handle along the continuum from the first closed configuration toward the second open configuration until the legs of the measurement assembly come in contact with the target segment of the lumen ~~and calculating the diameter as a function of the number of leg measurement markings distal the exterior conduit~~.

Claim 16 (currently amended): The method of claim [[14]] 7, wherein the target segment of the lumen is stenotic.

Claim 17 (cancelled)

Claim 18 (original): The method of claim 16, further comprising the step of measuring the length of the stenosis.

Claims 19-23 (cancelled)

Claim 24 (currently amended): A method of measuring a target segment of a lumen of a patient so as to select a suitable interventional prosthesis, the method comprising:

providing a measuring device having an exterior conduit longitudinally extending between proximal and distal ends; an interior conduit longitudinally extending between proximal and distal ends, disposed within the exterior conduit, and displaceable with respect to the exterior conduit~~, the interior conduit having a depth marking mechanism visible through a portion of the exterior conduit and configured to provide information regarding a length of the target segment~~; a measurement assembly comprising at least two ~~four~~ legs having distal and proximal ends and inward facing and lumen facing surfaces wherein the inward facing surfaces of the legs are [[in]] flush ~~contact~~ with one another from the distal ends of the legs to proximal ends of the legs when the measurement assembly is

closed within the exterior conduit, the legs coupled with each other proximal the distal ends thereof and coupled with each other at the distal ends thereof~~, the measurement assembly also coupled about the distal end of the interior conduit, wherein the lumen facing surface of each of the legs includes a plurality of measurement markers that are configured to provide information regarding a diameter of the target segment~~; a handle operatively connected with the measurement assembly, the handle comprising a means for opening and closing the measurement assembly by actuating the handle along a continuum between a first closed configuration and a second open configuration;

wherein the handle further comprises a measurement indicator, wherein target lumen diameter is calculated based on the relative distance the handle travels along the continuum between a first and second handle location;

introducing the device into an appropriate anatomical orifice of a patient;

delivering the device adjacent a target segment of a lumen within the patient; and

measuring the diameter of the target segment of the lumen within the patient, wherein measuring a diameter of the target segment comprises displacing the exterior conduit and interior conduit ~~measurement assembly~~ relative to one another such that ~~the exterior conduit engages the measurement markers of the legs~~ measurement assembly comes in contact with the target segment of the lumen.

Claim 25-57 (cancelled)